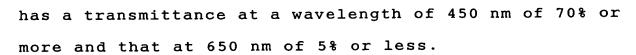
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What is claimed is:

- The present invention provides a color filter array having a blue filter layer on a substrate wherein the blue filter layer comprises
- a triallylmethane dye showing its absorption maximum at a wavelength within the range of from 550 to 650 nm; and has a transmittance at a wavelength of 450 nm of 70% or more and that at 650 nm of 5% or less.
 - 2. The color filter array having a blue filter layer on a substrate according to claim 1, wherein the blue filter layer further comprises a copper phthalocyanine dye having its absorption maximum at a wavelength of 600 to 700 nm.
 - The color filter array having a blue filter layer on a substrate according to claim 1, wherein the blue filter layer further comprises a xanthene dye having its absorption maximum at a wavelength of 500 to 600 nm, and has a transmittance of 15% or less at 535 nm.
 - 4. The color filter array having a blue filter layer on a substrate according to claim 2, wherein the blue filter layer further comprises a xanthene dye having its absorption maximum at a wavelength of 500 to 600 nm, and has a transmittance of 15% or less at 535 nm.
 - 5. A process for producing a color filter array having a blue filter layer on a substrate
- 25 which comprises the step of patterning a photosensitive resin composition comprising
 - a triallylmethane dye showing its absorption maximum at a wavelength within the range of from 550 to 650 nm; and

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- 6. The process according to claim 5, wherein the photosensitive resin composition further comprises a copper phthalocyanine dye having its absorption maximum at a wavelength of 600 to 700 nm.
- 7. The process according to claim 5, wherein the photosensitive resin composition further comprises a xanthene dye having its absorption maximum at a wavelength of 500 to 600 nm, and the blue filter layer has a transmittance of 15% or less at 535 nm.
- 8. The process according to claim 6, wherein the photosensitive resin composition further comprises a xanthene dye having its absorption maximum at a wavelength of 500 to 600 nm, and the blue filter layer has a transmittance of 15% or less at 535 nm.
- 9. A photosensitive resin composition comprising a triallylmethane dye showing its absorption maximum at a wavelength within the range of from 550 to 650 nm.
- 20 10. A photosensitive resin composition according to claim 9, which further comprises a copper phthalocyanine dye having its absorption maximum at a wavelength of 600 to 700 nm.
- 11. The photosensitive resin composition according
 25 to claim 10, wherein the amount of the triallylmethane dye
 is 30 to 70 parts by weight per a total of 100 parts by
 weight of the triallylmethane dye and the copper
 phthalocyanine dye.

dye.

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The photosensitive resin composition according to claim 9 which further comprises a photoactive compound, and an alkali-soluble resin, and wherein the amounts of the dyes, the photoactive compound, and the alkali-soluble resin are 10 to 50 parts by weight, 10 to 50 parts by weight, and 3 to 80 parts by weight, per a total of 100 parts by weight of the dyes, photoactive compound, and alkali-soluble resin, respectively.

by weight of the copper phthalocyanine dye and the xanthene

- 15. The photosensitive resin composition according to claim 14 which further comprises a curing agent, and wherein the amount of the curing agent is not less than 10 parts by weight and not more than 35 parts by weight per a total of 100 parts by weight of the dyes, the photoactive compound, and the alkali-soluble resin.
- 16. The photosensitive resin composition according
 25 to claim 9 which further comprises photo acid generator,
 curing agent, and an alkali-soluble resin, and
 wherein the amounts of the dyes, the photo acid generator,
 the curing agent, and the alkali-soluble resin are about

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15 to 40 parts by weight, 0.3 to 5 parts by weight, 10 to 25 parts by weight, and 20 to 75 parts by weight, per a total of 100 parts by weight of the dyes, photoreactive acid generator, curing agent, and alkali-soluble resin, respectively.